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| Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy | | | | | | | | | | Date: May 2017 | | |
|------------------------------------------------------------------------------------------------------------------------|-------------|---------|---------|--------------|-----------------------------------------------------------------------------------|---------------|---------|---------|---------|----------------|------------------|------------|
| Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 6: RDT&E Management Support | | | | | R-1 Program Element (Number/Name) PE 0605804N / Technical Information Services | | | | | | | |
| COST (\$ in Millions) | Prior Years | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
| Total Program Element | 0.000 | 1.328 | 0.903 | 0.782 | - | 0.782 | 1.074 | 1.063 | 1.012 | 1.022 | Continuing | Continuing |
| 0835: Tech Info System | 0.000 | 0.902 | 0.903 | 0.782 | - | 0.782 | 1.074 | 1.063 | 1.012 | 1.022 | Continuing | Continuing |
| 2296: Federal Lab Consortium | 0.000 | 0.426 | 0.000 | 0.000 | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.426 |

A. Mission Description and Budget Item Justification

The Technical Information Services program provides support to achieve affordability in the development of Navy systems by reducing life-cycle costs through the facilitation of advanced technology associations between U.S. industry and the Navy. Warfighting effectiveness is enhanced through strategic relationships with industry to commercialize the science and technology developed by the Naval Research Enterprise and to gain strategic understanding of industry Research and Development Programs and plans; access concepts and technologies; and access to business practices within the civil sector.

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|---------------------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| B. Program Change Summary (\$ in Millions) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
| Previous President's Budget | 0.925 | 0.903 | 0.955 | - | 0.955 |
| Current President's Budget | 1.328 | 0.903 | 0.782 | - | 0.782 |
| Total Adjustments | 0.403 | 0.000 | -0.173 | - | -0.173 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | 0.403 | 0.000 | | | |
| • Program Adjustments | 0.000 | 0.000 | -0.006 | - | -0.006 |
| • Rate/Misc Adjustments | 0.000 | 0.000 | -0.167 | - | -0.167 |

Change Summary Explanation

The FY 2017 request was reduced by -\$0.037 million as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

Technical: Not applicable.

Schedule: Not applicable.

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| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | | | | | | | | | Date: May 2017 | | |
| Appropriation/Budget Activity 1319 / 6 | | | | | R-1 Program Element (Number/Name) PE 0605804N / Technical Information Services | | | | Project (Number/Name) 0835 / Tech Info System | | | |
| COST (\$ in Millions) | Prior Years | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
| 0835: Tech Info System | 0.000 | 0.902 | 0.903 | 0.782 | - | 0.782 | 1.074 | 1.063 | 1.012 | 1.022 | Continuing | Continuing |
| Quantity of RDT&E Articles | | - | - | - | - | - | - | - | - | - | | |
| A. Mission Description and Budget Item Justification | | | | | | | | | | | | |
| The goal for this project is to enhance warfighter effectiveness by: leveraging industry independent Research and Development science and technology base; developing strategic partnerships with industry to transition private sector technology; and transferring appropriate Navy-developed innovative concepts and inventions to the private sector for purposes of commercialization. (Public Law 96-480, Federal Technology Transfer Act of 1986.) | | | | | | | | | | | | |
| This project also provides the Department of the Navy (DON) interface to the Office of the Assistant Secretary of Defense for Rapid Fielding, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer. | | | | | | | | | | | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | | | | | | | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
| Title: TECHNICAL INFORMATION SERVICES Articles: | | | | | | | | 0.902 | 0.903 | 0.782 | 0.000 | 0.782 |
| | | | | | | | | - | - | - | - | - |
| Description: Technical Information Services supports the spin-in and spin-out of research and development performed by Navy laboratories and industry. This program develops the tools and provides management oversight of the DON Domestic Technology Transfer (T2) Program. The Navy plans on initiating two new pilot programs per year with the objective of increasing the visibility and transfer of the Navy developed technologies. | | | | | | | | | | | | |
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| FY 2016 Accomplishments: Initiated the following efforts: - Two new pilot programs per year to support Technology Transfer (T2) efforts at Navy Office of Research and Technology Application (ORTA) activities across laboratories. - Efforts to raise visibility of Navy technologies through publications and/or videos. - Effort to improve Navy Defense Technology Transfer Information System (NDTTIS) database to continue additional value/impact of Cooperative Research and Development Agreements (CRADAs). - Effort to continue the Navy wide T2 Innovation Discovery/Intellectual Property Mining Program. - Effort to coordinate/support a regional technology transfer industry day. | | | | | | | | | | | | |
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| FY 2017 Plans: Continue all efforts of FY 2016. | | | | | | | | | | | | |
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| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | | | Date: May 2017 | | |
| Appropriation/Budget Activity 1319 / 6 | | R-1 Program Element (Number/Name) PE 0605804N / <i>Technical Information Services</i> | | Project (Number/Name) 0835 / <i>Tech Info System</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | | | | | |
| | | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
| Initiate the following effort: - Two new pilot programs per year to support Technology Transfer (T2) efforts at Navy Office of Research and Technology Application (ORTA) activities across laboratories. | | | | | | |
| FY 2018 Base Plans: Continue all efforts of FY 2017 as appropriate. Revise and update Technology Transfer mechanisms (e.g., CRADAs, PIAs, and EPAs templates, NDTTIS database, online training) and Policy Guidance. | | | | | | |
| FY 2018 OCO Plans: N/A | | | | | | |
| Accomplishments/Planned Programs Subtotals | | 0.902 | 0.903 | 0.782 | 0.000 | 0.782 |
| C. Other Program Funding Summary (\$ in Millions) N/A | | | | | | |
| Remarks | | | | | | |
| D. Acquisition Strategy N/A | | | | | | |
| E. Performance Metrics Demonstrate support for technological transitions from the Naval Research Enterprise into industrial and commercial enterprises supporting Navy programs of record and warfighter needs, by being responsive to Offices of Research and Technology Applications focal points for technology transfer in their development of Cooperative Research and Development Agreements (CRADA), and reducing transaction/information exchange timeframes by 25%. | | | | | | |

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| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | | | | | | | | | Date: May 2017 | | |
| Appropriation/Budget Activity 1319 / 6 | | | | | R-1 Program Element (Number/Name) PE 0605804N / Technical Information Services | | | | Project (Number/Name) 2296 / Federal Lab Consortium | | | |
| COST (\$ in Millions) | Prior Years | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
| 2296: Federal Lab Consortium | 0.000 | 0.426 | 0.000 | 0.000 | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.426 |
| Quantity of RDT&E Articles | | - | - | - | - | - | - | - | - | - | | |
| A. Mission Description and Budget Item Justification | | | | | | | | | | | | |
| The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: developing and administering technology transfer training courses and materials; assisting Federal agencies and laboratories in their technology transfer programs; and providing a clearinghouse for technology transfer requests. | | | | | | | | | | | | |
| B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) | | | | | | | | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
| Title: Federal Lab Consortium | | | | | | | | 0.426 | 0.000 | 0.000 | 0.000 | 0.000 |
| Articles: | | | | | | | | - | - | - | - | - |
| Description: The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: developing and administering technology transfer training courses and materials; assisting Federal agencies and laboratories in their technology transfer programs; and providing a clearinghouse for technology transfer requests. | | | | | | | | | | | | |
| FY 2016 Accomplishments: Funding disseminated judiciously in accordance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). | | | | | | | | | | | | |
| FY 2017 Plans: N/A | | | | | | | | | | | | |
| FY 2018 Base Plans: N/A | | | | | | | | | | | | |
| FY 2018 OCO Plans: N/A | | | | | | | | | | | | |
| Accomplishments/Planned Programs Subtotals | | | | | | | | 0.426 | 0.000 | 0.000 | 0.000 | 0.000 |

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| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | Date: May 2017 |
| Appropriation/Budget Activity 1319 / 6 | R-1 Program Element (Number/Name) PE 0605804N / <i>Technical Information Services</i> | Project (Number/Name) 2296 / <i>Federal Lab Consortium</i> |
| C. Other Program Funding Summary (\$ in Millions) N/A | | |
| Remarks | | |
| D. Acquisition Strategy N/A | | |
| E. Performance Metrics In accordance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended), disseminated funding judiciously. | | |